

SpeedRoller

Self-repairing rapid roll door



ZIPONE

Self-repairing rapid roll door, also for outdoors

Properties

- max. W x H = 4,500 x 4,500 mm
- Wind load resistance: class 3 to 4 meters wide or 16 m². Wind class 2 > 4 meters or larger than 16 m²
- opening speed with Frequency Control up to max. 2.0 m/s¹, closing speed approx. 0.5 m/s
- 1400 gr/m² class door curtain in white (RAL) 9010, yellow 1003, orange 2004, red 3002, blue 5002, grey 7038 or black 9004 (approximate colours)
- the solution for optimal logistics, continues to function reliably even under heavy use
- EN13241 compliant

SpeedRoller ZIPONE

The self-repairing ZipOne high speed door is the ideal solution for fast and frequently used passages. The selflubricating and self-repairing operation of the tracks reduces interruptions and ensures minimum delay in the production process. The ZipOne is intended as a fast, userfriendly partitioning of spaces and provides energy saving, draught exclusion and climate control. The result is significant energy savings with ZipOne installed.

Dimensions	
max. width (W)	4.500 mm
max. height (H)	4.500 mm
max. surface area	20.25 m ²
max. wind force ¹	Cl. 2 / 11 Bft
required lateral space at the guides	110 mm
required lateral space at slip on drive ²	310 / 610 mm
required space above door opening ¹	500/565 mm
depth top hood ¹	370 mm
required depth for mounting top hood ¹	500 / 565 mm

Components and construction

The ZipOne has a 1400 gr/m², class M2 door curtain made of a polyester-reinforced synthetic material, with a flexible rubber sealing profile at the bottom. The steel columns with a zipper closure ensure the guidance of the door curtain. These form one unit with the top brackets for the fastening of the roller and protective hood.

Materials

The guides and roller are made of galvanised steel. The PVC door curtain has a polyester reinforcement inlay. The FlexEdge bottom beam is made of PVC. The protective hood is available in galvanized steel or optionally in stainless steel. All PVC parts can be recycled.

Colours

The door leaf is available in 7 colours and, for widths up to 2,000 mm, comes as standard with 1 window (1000 x 500 mm) made of transparent plastic. For widths from 2,000 mm to 3,999 mm, there are 2 windows; for widths of 4,000 mm and above, there are 4 windows. The steel columns and the cover cap can optionally be supplied in any RAL colour.³

Drive

The drive consists of an electric motor with reduction unit, mounted at the side of the roller. Drive side available left or right (standard).

Technical details electric motor

- mains voltage..... LNPE-230V/50Hz/16AT
- degree of protection IP 65
- consumed power max. 1,5 kW

Protection

- the door can be manually opened in the case of a power loss
- safety light curtain and to max. height 2500 mm. If this curtain is interrupted by an obstacle the door will automatically fully open until the screen is freed again. This does not apply to the door in closed position..

Performance

max. opening speed ¹	tussen 2.0 en 2,5 m/s
max. closing speed	0,5 m/s

Structural provisions and connection

- a flat mounting frame and the necessary mounting space must be available
- exact installation dimensions in the Technical Datasheet
- within a radius of 500 mm of where the control unit will be positioned there must be a wall socket:
 - CEE-form blue, 1 x 230V fused, slow operation 16 A fitted with a circuit-breaker of at least 300 mA
- the control box usually is fitted on the drive side, at a height of approx. 1,500 mm from the floor
- with standard CEE-plug, the control box is IP54 compliant.

Control and operation

The control unit has 3 buttons (open-stop-close) and regulates a multitude of functions such as:

- LED display for control of the various functions
- permanently open or permanently shut
- service and run mode

you can choose between 2 types of control:

- GFA TS971 en GFA TS98

Additional controls that can be connected to the control box are:

- push-button, pull switch, radar, key-operated switch, photocell, induction loop detection or radio control.



Available controls:

TS971 / TS981

Extras³

Control and operation

- remote control or any other controls that can be connected
- control box directly wired (control box IP65)
- main switch directly wired on the control box (IP65)
- door interlock control (TS981) or mutual blocking in combination with another door (T100R FU, TS971 and TS981)

Protection

- connection of traffic lights (red/green/orange or red and green)
- orange or red flashing warning light
- steel bumpers to prevent damage to the guide columns

² Required lateral space for mounting the slip on drive.

There are two versions:

- attach the drive on the shaft **before** mounting the top section, the required lateral space will be 310 mm
- attach the drive on the shaft **after** mounting the top section, the required lateral space will be 610 mm

¹ Depending on the configuration ³ subject to surcharge



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